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MASHAM RURAL DISTRICT COUNCIL.

North Riding of Yorkshire.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH,
for the year ending 31st December, 1958.

Chairman:- CHARLES NESOM ESQ.

Vice-Chairman: H.H. HARDY ESQ.

PUBLIC HEALTH OFFICERS.

Medical Officer of Health.

J.L. Cotton, M.B., ChB., D.P.H.
Area Health Office,
Wensleydale County Modern School,
Leyburn, Yorks.
Tel: Leyburn 2244.

Surveyor and Acting Sanitary Inspector.

F.R. Lawson, M.P.H.I.S.

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To the Chairman and Members of the
Masham Rural District Council.



Mr. Chairman and Gentlemen,

I have pleasure in submitting my Annual Report on the health of the district for the year 1958.

The birth rate was 14.8 per 1000 population (12.9 in 1957) compared with 16.4 for England and Wales. The death rate at 14.2 was again higher than the national figure of 11.7.

In the field of environmental hygiene, progress has been maintained during the year. The villages of Ellingstring, Swinton and Fearby have been surveyed and in the case of Ellingstring a Scheme has been prepared. The new Works at Masham continue to yield a satisfactory effluent. The Scheme to augment the water supply to Masham, Healey, Fearby and Ellingtons was finally approved by the Ministry of Housing & Local Government, but work was not started in 1958.

The Council decided to proceed with the building of more houses on the Common Head Lane site. In addition a start was made to bring up to standard the unfit houses in the area by providing them with modern amenities.

Steady progress was maintained in the routine public health work in the district and details are to be found in the Public Health Officer's section of the report.

In conclusion, I should like to express my appreciation to the Members and Officials of the Council for the help and support I have received from them during the year.

I am, Gentlemen,
Your obedient Servant,
JOHN L. COTTON.

Medical Officer of Health.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(a) GENERAL STATISTICS.

Area (in acres)	25,995
Population (Registrar General's estimate of Resident Population mid-year 1958).	1,620
Net decrease of Resident Population (mid-year 1957 - 1958).	10
Population (1931 census)	2,024
Population (1951 census)	1,738
Number of inhabited houses 1958.	547
Rateable value (at 1st April 1959).	£36,209
Product of 1d rate.(Estimated at 1st April 1959).	141.

(b) VITAL STATISTICS.

	<u>Masham</u> <u>R.D.</u>	<u>England &</u> <u>Wales.</u>
Live births	24	
Live birth rate per 1,000 population.	14.8	16.4
Still births	0	
Still birth rate per 1,000 live and still-births.	0	21.4
Total live and still-births	24	
Infant deaths	0	
Infant mortality rate per 1,000 live births - total	0	22.6
Infant mortality rate per 1,000 live births - legitimate	0	
Infant mortality rate per 1,000 live births - illegitimate	0	
Neonatal mortality rate per 1,000 live births	0	16.2
Illegitimate live births per cent of total live births	0	
Maternal deaths (including abortion)	0	
Maternal mortality rate per 1,000 live and still births	0	

CLASSIFIED CAUSES OF DEATH.

Cause of Death.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Tuberculosis.	0	0	0
Malignant Disease.	2	2	4
Cardio Vascular Diseases.	7	11	18
Pneumonia.	0	0	0
Other respiratory diseases.	0	1	1
Digestive Diseases.	0	0	0
Congenital malformatisal.	0	0	0
Other diseases.	0	0	0
Motor vehicle accidents.	0	0	0
Other accidents.	0	0	0
Suicide.	0	0	0
Total deaths (all causes).	9	14	23
	=====	=====	=====

Death rate per 1000 population - 14.2.

Death rate for England & Wales - 11.7.

POPULATION TREND.

	<u>1958.</u>	<u>1957.</u>	<u>1956.</u>	<u>1955.</u>	<u>1954.</u>	<u>1953.</u>	<u>1952.</u>
Estimated mid-year popn.	1620	1630	1640	1650	1650	1645	1657
Birth Rate.	14.8	12.9	13.4	9.09	9.76	14.0	12.1
Death Rate.	14.2	16.7	15.9	10.3	11.0	11.6	7.8

NATIONAL ASSISTANCE ACT, 1948.

It was not necessary to take action under Section 47 of the above Act which deals with the compulsory removal to a place of safety of persons in need of care and attention.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

LABORATORY FACILITIES.

Laboratory facilities are provided at the Public Health Laboratory, Friarage Hospital, Northallerton.

AMBULANCE FACILITIES.

The North Riding of Yorkshire County Council supply ambulance services from their station at Thirsk.

HOSPITAL SERVICES.

Local Hospital accommodation is provided by the Northallerton Management Committee of the Newcastle Regional Hospital Board. In addition, a number of residents receive both in-patient and out-patient treatment at hospitals under the control of the Ripon and Harrogate Management Committee of the Leeds Regional Hospital Board.

NURSING IN THE HOMES.

The Home Nursing and Domiciliary Midwifery service is under the general direction of the County Council with the day to day administration dealt with by the Wensleydale Area Local Health Sub-Committee through the district Medical Officer. One district nurse/midwife operates in the area.

DOMESTIC HEALTH SERVICE.

This service is under the general direction of the County Council with the day to day administration dealt with by the Wensleydale Area Local Health Sub-Committee. The equivalent of 0.09 whole time domestic helps were employed in the district during the year and a total of 203 hours worked. One family was assisted.

SECTION C.

WATER SUPPLIES.

Details are to be found in the Public Health Officer's Section.

SEWERAGE AND SEWAGE DISPOSAL.

Details are to be found in the Public Health Officer's Section.

REFUSE COLLECTION AND DISPOSAL.

Details are to be found in the Public Health Officer's Section.

SECTION D.

HOUSING.

Details are to be found in the Public Health Officer's Section.

SECTION E.

MEAT AND OTHER FOODS.

Details are to be found in the Public Health Officer's Section.

SECTION F.

PREVALANCE AND CONTROL OVER INFECTIOUS DISEASE.

There was one case of measles notified during the year.

DIPHTHERIA IMMUNISATION.

The following figures indicate the immunisation state of the child population in the Wensleydale Local Health Area of which the Masham Rural District forms part.

<u>Age Group.</u>	<u>Immunised.</u>
0 - 4.	51%
5 - 14.	91%

SMALL POX VACCINATION.

71% of the children born during the year were notified as having been vaccinated against small pox (57% in 1957.)

POLIOMYELITIS VACCINATION.

A large proportion of your Medical Officer's time during the year was spent on poliomyelitis vaccination. By the end of the year 5408 children aged under 15 years in the Wensleydale Local Health Area (of which the Masham Rural District is part) had been vaccinated with two injections. This figure represents some 65% of all the children under 15 years of age compared with 31% in 1957.

In addition some 508 older persons had also received two injections and 2282 children and adults had received a third injection.

TUBERCULOSIS.

New Cases.

Deaths.

	<u>Pulmonary.</u>		<u>Non-pulmonary.</u>		<u>Pulmonary.</u>		<u>Non-pulmonary.</u>	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1.	0	0	0	0	0	0	0	0
2 - 4.	0	0	0	0	0	0	0	0
5 - 14.	0	0	0	0	0	0	0	0
15 - 24	0	0	0	0	0	0	0	0
24 - 34	0	0	0	0	0	0	0	0
35 - 44	0	0	0	0	0	0	0	0
45 - 54	0	0	0	0	0	0	0	0
55 - 64	0	0	0	0	0	0	0	0
Over 65	0	0	0	0	0	0	0	0
<u>TOTAL.</u>	0	0	0	0	0	0	0	0

There were 3 cases of Pulmonary Tuberculosis and no cases of non-pulmonary tuberculosis in the Register at the 31st December 1958. This gives a rate of 1.85 cases of tuberculosis per 1000 population as compared with 2.45 in 1957.

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MASHAM RURAL DISTRICT COUNCIL.

North Riding of Yorkshire.

ANNUAL REPORT OF THE PUBLIC HEALTH OFFICER
for the year ending 31st December, 1958.

Public Health Officer:

F.R. Lawson, C.S.I.B. M.P.H.I.A.

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SUMMARY OF INSPECTIONS AND WORK CARRIED OUT 1958.

HOUSING.

Number of houses in the District	548.
Number of houses inspected	...	...	...	98
do found to be in disrepair	...	...	...	37
do found to be unfit	...	...	...	29
do derelict and unoccupied	...	...	...	6
do repaired to standard of fitness				22
do demolished or closed				Nil.

Initial steps were taken to implement the survey and report on unfit houses. Notices were served under S. 16 Housing Act 1957 in respect of 16 properties and in each case an undertaking to carry out works of repair was accepted.

Improvement Grants.

Inspections	-	16.
Grants made		6
Refused		Nil.
Pending		4
Houses improved with grant aid	-	5.

The average grant for each house improved amounted to £204 representing the cost of a new Council house.

50% of the cost of approved expenditure on improvements was allowed in each case.

Council House Sites.

Inspections/Surveys - 24.

The layout of an estate to provide 32 houses and 6 bungalows was approved and a tender accepted for the erection of the first eight houses.

A recommendation to cement render the external walls of Nos. 1 - 8 Leyburn Road was approved and a contract for this work was prepared.

Building Byelaws.

Plans submitted for Byelaw consideration:

Approval given - 10. Refused - Nil. Inspections - 35.

Dangerous Structures.

Inspections - 5	Dangerous conditions found - 3.
Removed - 4.	



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WATER SUPPLIES.

A: Publicly owned supplies.
Number of houses with individual supply.

Masham R.D.C. Supply.	442
Bedale R.D.C. Supply.	8
Leeds Corporation Supply.	5
Harrogate do	2
	<u>457</u>

Number of houses sharing a supply - 4.

B: Privately owned supplies.
Number of houses with individual supply.

Swinton private supply.	39
Theakston Borehold supply.	4
Individual Farm supplies.	34
	<u>77</u>

C: Number of houses without MAINS supplies.

Isolated Farms.	9 (Est).
Low Swinton Spring supply.	

<u>Inspections.</u>	<u>Public Supplies.</u>	<u>Private Supplies.</u>
Collection Works.	110	10
Distribution Systems.	93	14
Individual Services.	31	-

<u>Defects found and remedied.</u>	<u>Burst pipes.</u>	<u>Defective fittings.</u>	<u>Others.</u>
Mains supplies.	9	12	3
Service supplies.	5	15	-

New Connections - 3.

New Mains laid - 40 yards 2" asbestos cement.

MASHAM, HEALEY AND FEARBY SUPPLY.

	<u>Low Agra Springs.</u> (Present Supply)	<u>Agra Plantation Springs.</u> (Proposed Supply)	<u>Smeltstones Springs.</u>
Normal Yeild per day.	100,000 gls.	100,000 gls.	50,000 gls.
Minimum Yeild. (Recorded 1957).	65,000 gls.	85,000 gls. (excluding small springs).	45,000 gls.

Bacteriological Samples.

Satisfactory.	1	4	1
Unsatisfactory	2	0	0

Chemical Samples. (for acidity)

Neutral/Slightly acid.	1	3 (8 Springs)	1
Acidic and corrosive	0	2 (4 ")	0

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Estimated quantity supplied throughout 1958 - 21 million gallons.

Estimated daily requirements:-

	<u>Present.</u>	<u>Future.</u>
Domestic.	45,000 gals.	50,000 gals.
Farm.	15,000 "	20,000 "
Trade.	3,000 "	5,000 "
Supplementary supply to Ellington.	_____	_____
Total;	63,000 gals. =====	87,000 gals. =====

The output of the Low Agra Springs was adequate throughout the year. Failure of the supply occurred daily at Fearby and frequently at high points in Masham town due largely to the condition and inadequacy of the mains.

Details of a scheme of improvements utilizing springs at a higher level in the Agra Plantation Valley and at Smeltstones, including the construction of a service reservoir 35,000 gals capacity at Fearby were given Ministry approval and tenders accepted for 4 contracts comprising the Scheme.

ELLINGSTRING AND ELLINGTON SUPPLY.

<u>Sources.</u>	<u>1958.</u>		<u>Samples.</u>	
	<u>Normal yeild.</u>	<u>Minimum yeild. (g/d).</u>	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
Tranmire Springs.	18,000.	15,000 (1957)	1	0

Capacity of main to reservoir 14,500 gals/day.

Estimated quantity supplied throughout year - 5½ million gals.

Estimated daily requirements:-

	<u>Present.</u>	<u>Future.</u>
Domestic..	4,000 gals.	5,000 gals.
Farm.	17,500 "	21,000 "

The Tranmire supply was inadequate necessitating almost daily attention and frequent use of the original High Ellington Supply.

Provision was made in the scheme of improvements for a separate contract to supplement the Ellington supply by linking the Fearby main to the Ellington reservoir and to provide better control and interconnection between the various mains.

ILTON.

<u>Source.</u>	<u>Minimum recorded flow</u>	<u>Capacity of Ram.</u>	<u>Estimated consumption.</u>
Springs.	45,000. gls/day.	10,000. gls/day.	5,000. g/d.

Repairs to the ram were carried out on several occasions. As a result of works carried out in 1957 the quantity of spring water has increased considerably and all seepage to the lower stream has been stopped. Details were prepared for the extension of the rising main enabling most of the properties in higher Ilton to be supplied from the reservoir.

REORGANISATION OF WATER SUPPLIES.

The Dale Report on the regrouping of water undertakings was considered in association with other authorities comprising the 'Dales' Area.

SEWERAGE AND DRAINAGE.

Drainage.

Inspections of drains - 47.
New drainage systems installed - 5.
Drains repaired/cleared - 27.
Number of houses {a} with water closets - 369.
 (b) without do - 179.
Conversions to water carried system - 5.
Additional water closets provided - 2.

Sewerage.

Inspections of Sewage Works - 68.
Inspections of sewers. - 54.
Sewers repaired/cleared. - 23.
Streams and ditches inspected - 8. Cleared out - 2.
Sewerage Surveys. Inspections - 75.

Schemes were prepared for the replacement of approximately 82 yards of shallow culvert running along Leyburn Road to the new sewerage system in Silver Street.

It was decided to provide a sewer 9 ft. deep extending 135 yards to the existing Leyburn Road housing estate and continuing 360 yards at an average depth of 7 ft. through the proposed housing estate to the corner of Fearby Road to serve for council and private housing development in this area.

ELLINGSTRING.

Under the directions of a special committee a Scheme was prepared for the construction of 162 yards of sewer down Low Lane, the provision of septic tank treatment and for piping in 320 yards of stream to a suitable outfall.

This Scheme is intended only as an immediate measure to relieve flooding and pollution in the fields serving as a soakaway for the existing stream. Provision has however been made in the design and layout of the septic tank for enlargement in the future to make a complete sewage works and also for future extension of the sewers.

FEARBY.

Details of the existing drainage were obtained and preliminary consideration given to the question of providing a system of sewerage for the village.

SWINTON.

The existing private sewage works at Swinton were found to be inadequate and unsatisfactory.

PUBLIC CONVENIENCES.

Inspections - 65.

Reconstruction work largely carried out during the previous year was completed and has resulted in improved appearance, lighting, ventilation and cleanliness.

RECREATION GARDENS and PUBLIC AMENITIES.

Inspections 82.

Considerable work was carried out in the recreation gardens clearing overgrown shrubs and rubbish accumulated over the years.

Over 8,000 tons of soil were tipped on the adjacent waste ground and levelled with a view to extending the gardens. Public interest in this work was widespread and the cost has largely been met by voluntary co-operation.

Half of the Market Place and the whole of Park Square were re-surfaced with tar and chippings. The flagpole and base were renewed and painted.

REFUSE DISPOSAL.

Inspections re collection - 25. Disposal - 47.

The Healey Pasture tip has proved most satisfactory and has been accessible throughout the year.

During the year the refuse collection service was gradually extended to cover the whole district with the exception of Ilton and individual isolated farms.

RODENT CONTROL.

	<u>Premises.</u>				
	<u>No.</u>	<u>Inspected.</u>	<u>Infested.</u>	<u>Treated.</u>	<u>Total treatment.</u>
Farms.	110	21	3	3	3
Business premises.	93	50	6	6	10
Domestic premises.	548	119	10	10	10
L.A. Property.	8	8	3	3	17

A free rodent and insect control service is available for all domestic premises. In respect of business premises and farms a charge is made for materials and labour.

FOOD.

<u>Food Premises.</u>	<u>No.</u>	<u>Inspections.</u>
Food shops.	17	8
Ice Cream Shops.	6	3
Bake houses.	3	2
Public Houses.	8	1
Stalls/vehicles.	6	3
Cafes/Canteens.	7	5
Slaughter Houses.	1	1
Food Factories.	3	3

Unsatisfactory conditions found - 18. Remedied - 13.
No formal action was taken.

MEAT AND FOOD INSPECTIONS.

<u>Meat Inspected.</u>	<u>Beasts.</u>	<u>Pigs.</u>	<u>Sheep.</u>	<u>Calves.</u>
No. Slaughtered.	83	49	98	1
No; Inspected.	83	49	98	1

Tuberculosis.

Part carcase/organs affected	3	3	0	0
%	4.6%	6.1%	0%	0%

Other diseases.

Part carcase/organs affected.	6	2		1
Whole carcase affected	10	0	1	0
%	7.2%	4.1%	1.0%	100%

Cysticercosis. No cases found.

Slaughtermens licences issued - 6.

Unsound meat was disposed of by staining before removal for use as animal food.

<u>FACTORIES.</u>	<u>No.</u>	<u>Inspections.</u>	<u>Sanitary Conveniences.</u>	
			<u>Insufficient.</u>	<u>Defective.</u>
With mechanical power.	13	7	1	4
Without mechanical power.	1	1	1	
Building/Engineering Works	1	1	-	1
	15	9	2	5

Informal notice was given of contraventions of legal requirements.

SHOPS.

Inspections under Shops Acts - 15.
Sanitary Conveniences insufficient. - 1.

TENTS, VANS, SHEDS.

Only 1 caravan is permanently sited in this area. Conditional approval was given to the developement of a site in Masham town as a caravan transit camp.

NUISANCES.

Inspections. 25. Nuisances found - 7. Abated - 7.

MISCELLANEOUS. - 44 inspections.

SURVEY.

The survey of Masham Town was completed and an up to date large scale plan prepared.

I am, Gentlemen,
Your obedient Servant,

F.R. LAWSON.

Public Health Officer.

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